

FIG. 1

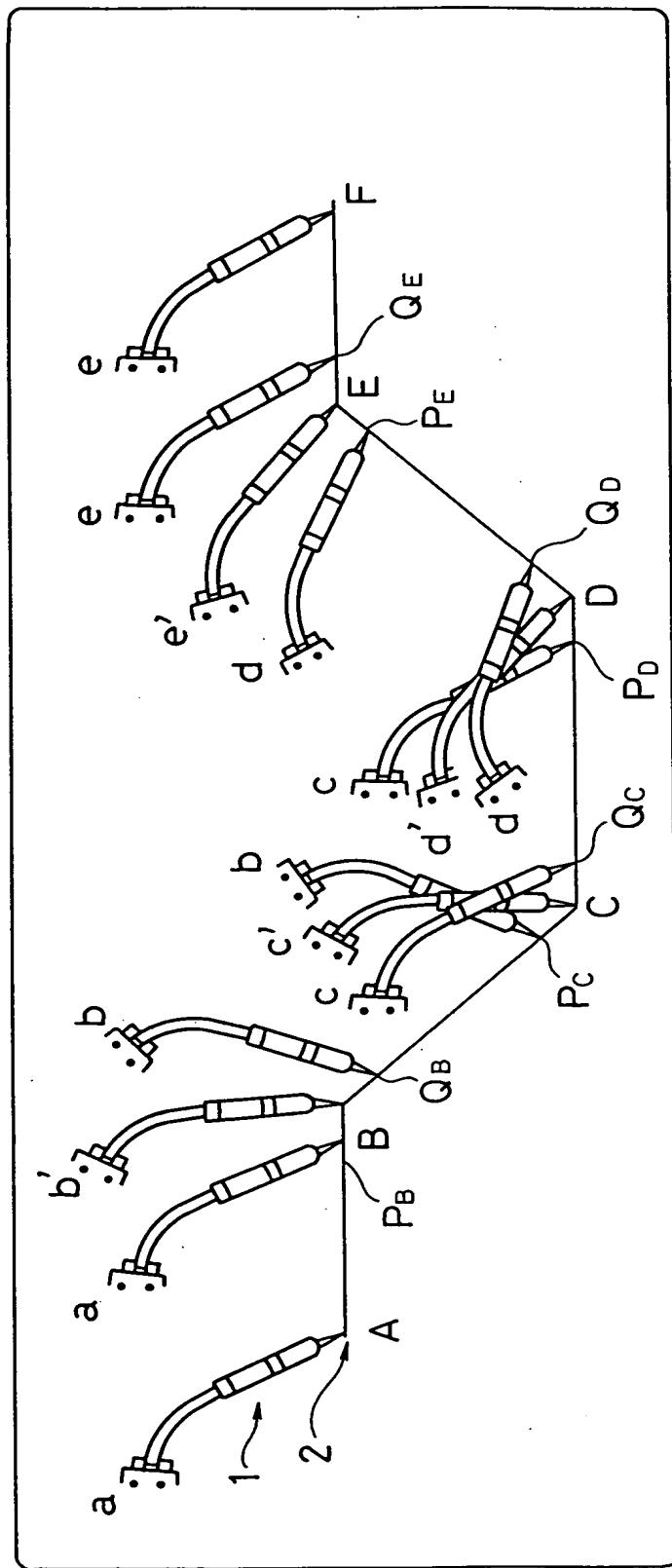


FIG. 2A.

TEACH ROUGHLY BY JOG FEED ONLY POSITIONS A, B ... F
WITHOUT PAYING ATTENTION TO THE ORIENTATION

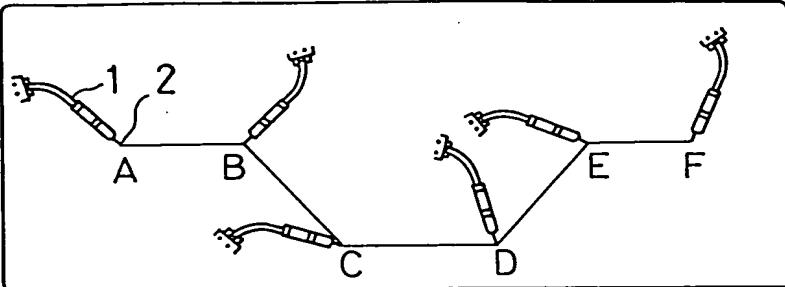


FIG. 2B

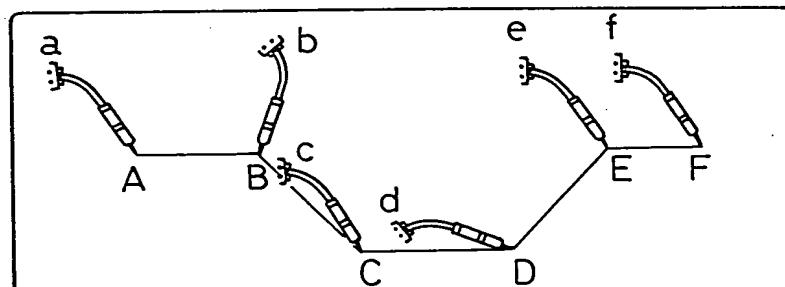
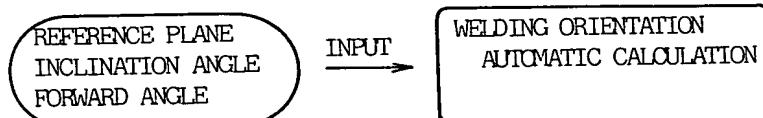
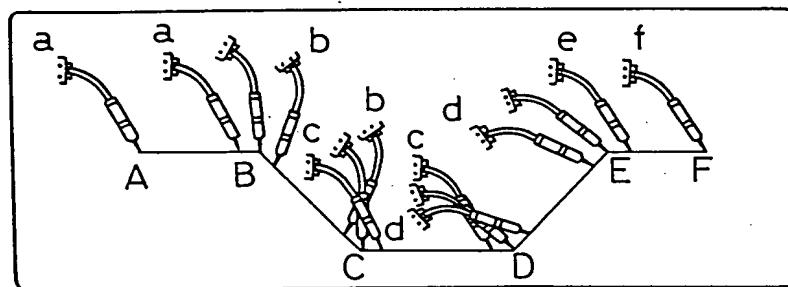
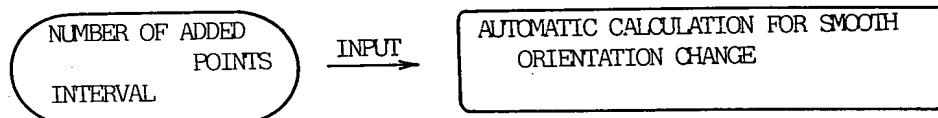


FIG. 2C



ARC WELDING EXECUTION

FIG. 3.

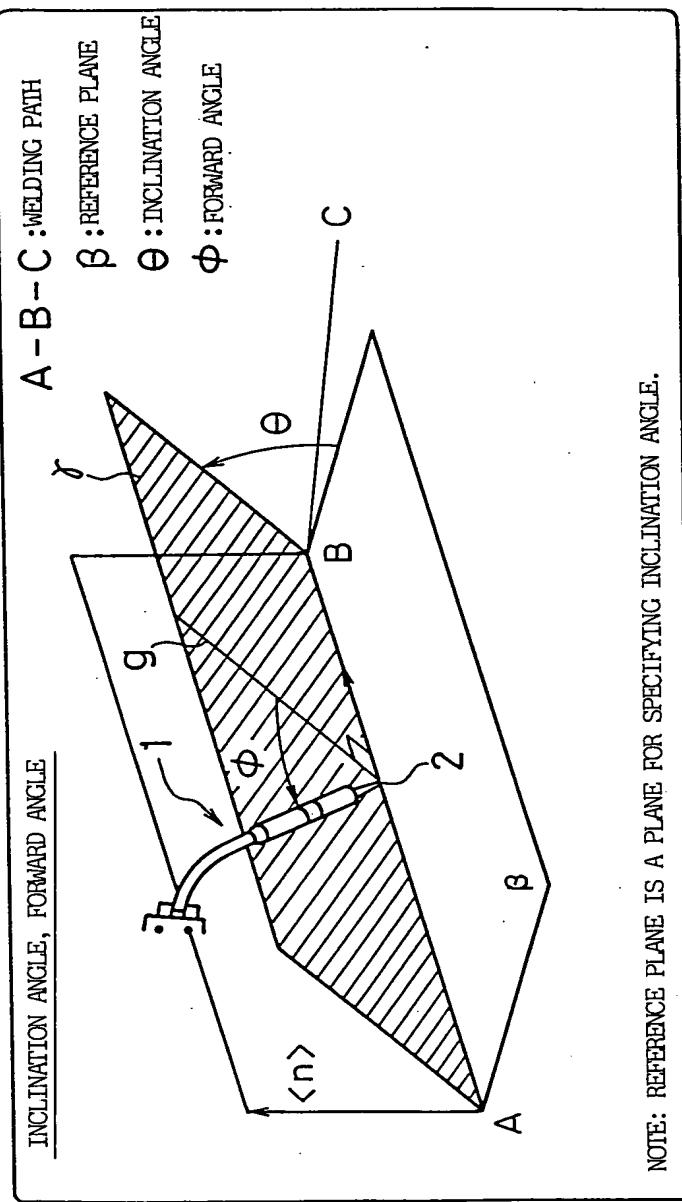


FIG. 4

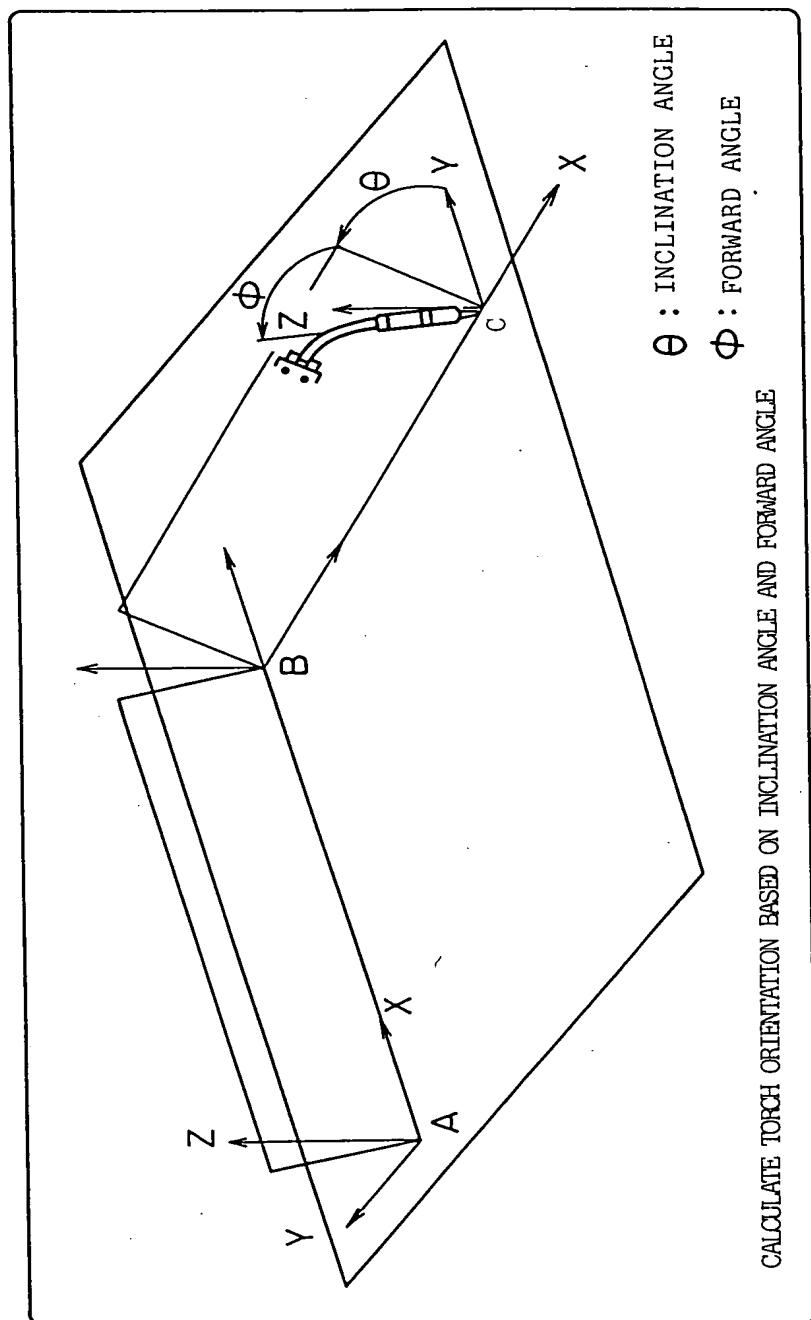
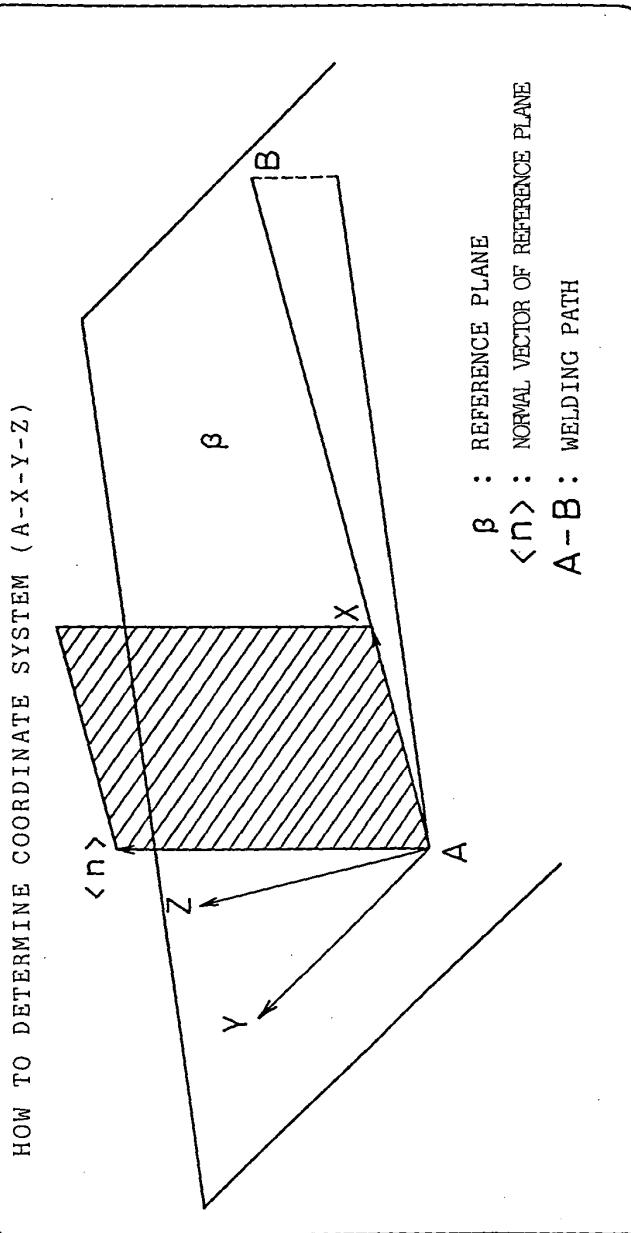


FIG. 5



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FIG. 6

UTILITY/TORCH ORIENTATION/TRANSFORMATION ////////////// AXIS ////50%/
PROGRAM PAGE 1 / 4 5 / 7

1	TRANSFORMATION SOURCE PROGRAM:	[TEST]
2	SCOPE:	PART
3	START ROW:	34
4	END ROW:	38
5	PRODUCED/REPLACED:	/REPLACED/
6	PROGRAM DESTINED TO BE TRANSFORMED: (UNUSED)	[*****]
7	INSERTION ROW:	(UNUSED) ****

PAGE IS CHANGED BY SHIFT + DOWN, SHIFT + UP
[SCREEN] >

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FIG. 7

UTILITY/TORCH ORIENTATION/TRANSFORMATION ////////////// AXIS ////50%/
DIRECT INPUTTING TORCH ORIENTATION PAGE 3 / 4 2 / 6

1	REFERENCE PLANE TEACHING :	YES
2	P 1 :	/TEACHING EXECUTED /
3	P 2 :	TEACHING EXECUTED
4	P 3 :	TEACHING EXECUTED
5	INCLINATION ANGLE :	. 00 deg
6	FORWARD ANGLE :	. 00 deg

PAGE IS CHANGED BY SHIFT + DOWN, SHIFT + UP
[SCREEN] TRANSFORMATION REFER TO POSITION STORE POSITION>

08/548146

8 / 1 1

F I G. 8

UTILITY/TORCH ORIENTATION/TRANSFORMATION /////////////// AXIS ////5 0 %/
POSITION INSERTION PAGE 4 / 4 2 / 6

1 NO. OF POSITIONS :

/ 2 /

2 PITCH LENGTH :

3. 0 0 mm

PAGE IS CHANGED BY SHIFT + DOWN, SHIFT + UP
[SCREEN] EXECUTION >

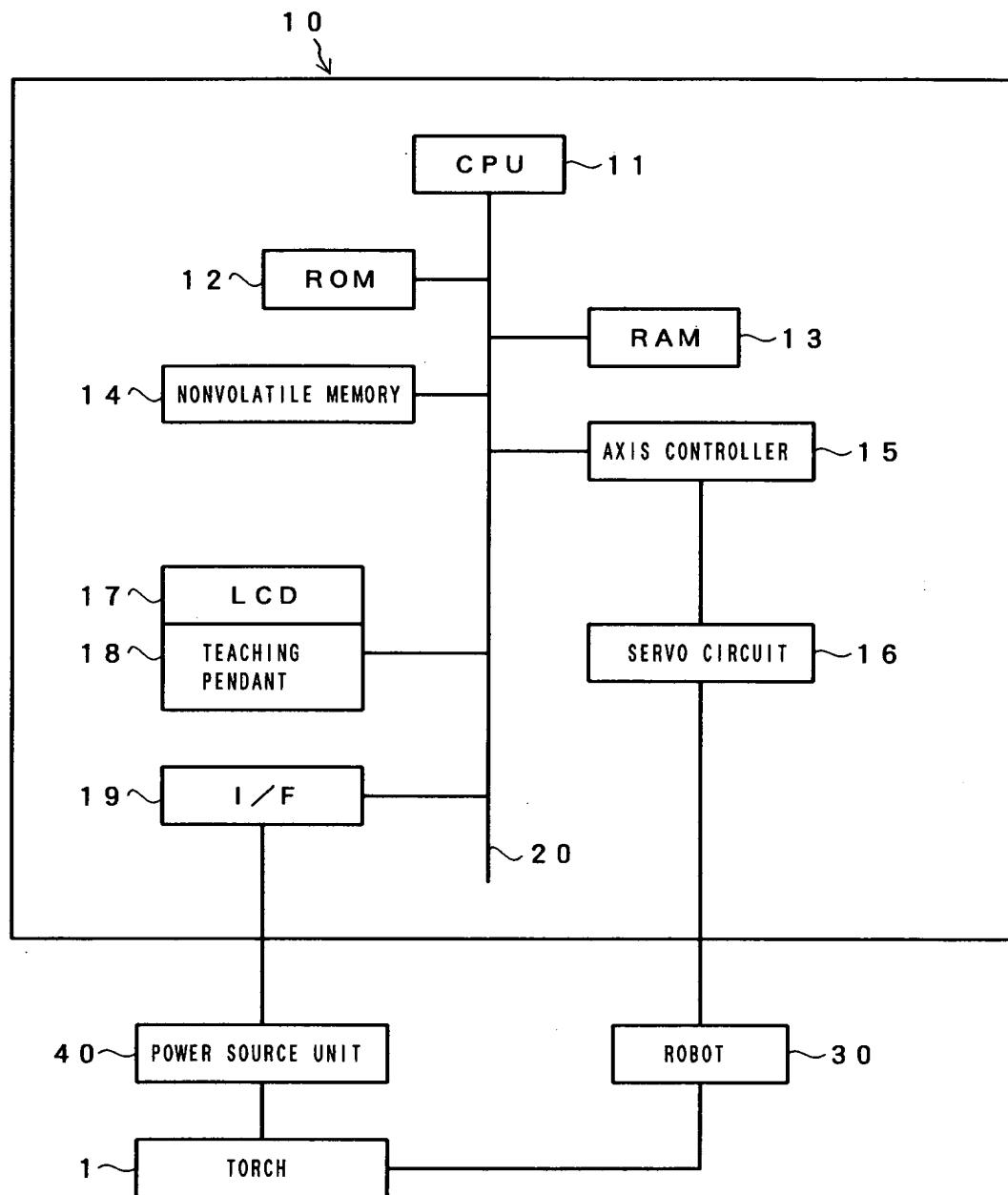
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FIG. 9

FIG. 10

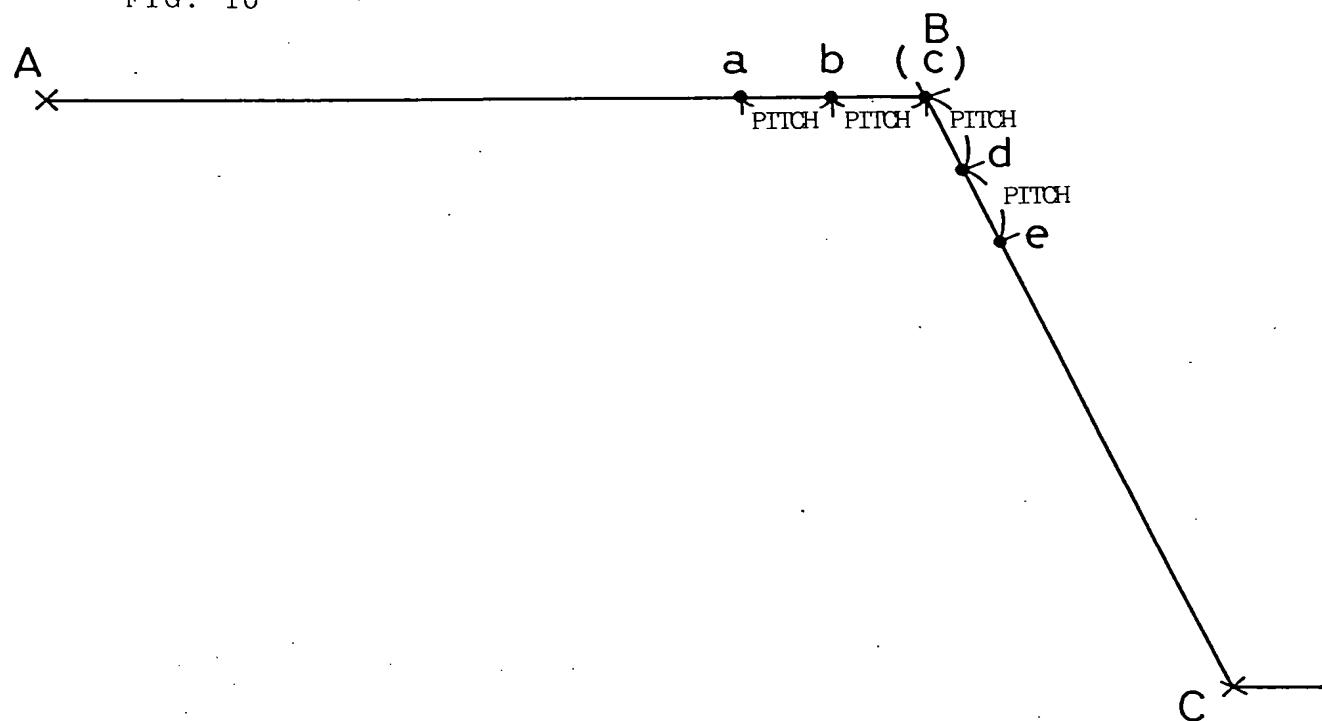
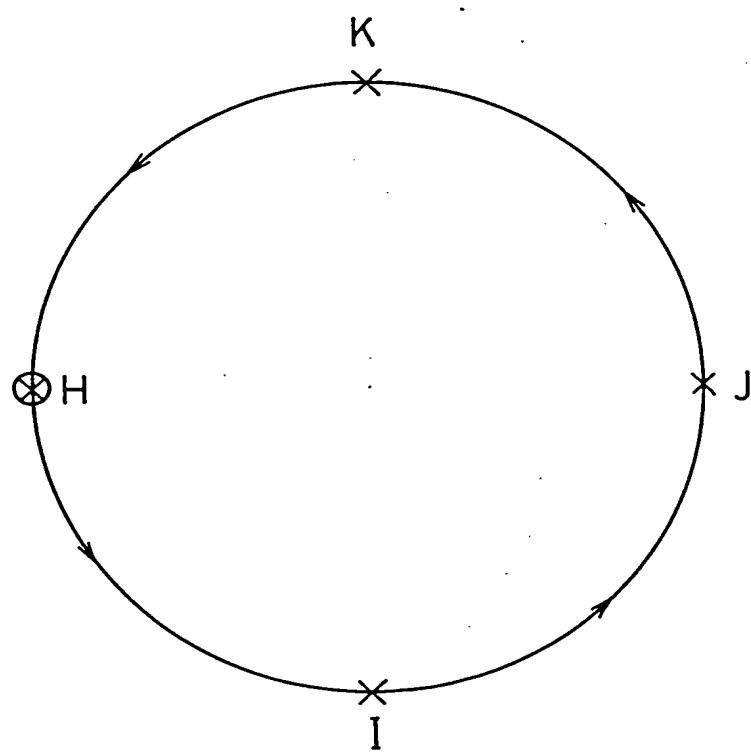


FIG. 11



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FIG. 12

